

ECS Configuration Change Request

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CCR No. 96-0218B	Logged Date 4/11/96	Rev. B	Request Type CCR
Priority Routine <input type="checkbox"/> Urgent <input checked="" type="checkbox"/> Emergency <input type="checkbox"/>	Affected Release		Change Class II
Title Moving some SCF interfaces from V0 to Web; providing GUI via X11 for Reprocessing Requests and for Science SW I&T, etc.			
Documents Affected SCF ICD		Source Nos (RID, NCR, etc.) or Tech Reference	
RTM Changed <input type="checkbox"/> Start New Baseline <input type="checkbox"/>			
<p>Problem: Revision B is occasioned by the need to update the figures to reflect Revision A of this CCR). The current version of the SCF ICD specifies the use of the V0 interface for a number of data flows (SS Alg Package, Test Products, Processing Status, Processing Errors, Metadata Update) which the V0 protocol cannot support. Additionally, Reprocessing Requests need to be input from the SCFs directly as opposed to the email mechanism and ECS has a requirement to support remote science software integration and test by SCFs.</p>			
<p>Proposed Solution Figures 3.1.1-1 and 4.2-1 are provided as baselined by ESDIS and as proposed (consistent with this CCR). (Also, Figure 4.1-1 is provided for continuity and completeness although that figure is unchanged by this CCR.) Remap these interfaces to the HTML/http protocol, in accordance with the ECS white paper "Potential Integration of V0 and V1 Components for Release A", 420-WP-002-001, November 1994. Provide the Production Request interface to the SCFs via the secure X11 (X windows) interface for Reprocessing Request submission. Also provide that X11 interface for remote science software integration and test by SCFs and make certain other Release A-related corrections to the ICD.</p>			
<p>Impact Analysis:</p> <p>Organizations Affected: BOO <input type="checkbox"/> Contracts <input type="checkbox"/> ESO <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input type="checkbox"/> QA <input type="checkbox"/> Rel. A <input checked="" type="checkbox"/> Rel. B <input checked="" type="checkbox"/> Rel. IR1 <input type="checkbox"/> SCDO Supp <input type="checkbox"/> SMO <input checked="" type="checkbox"/> Subconts <input type="checkbox"/> Other _____</p> <p>Cost: None <input checked="" type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> <small>(Not exceeding \$100,000) (\$100,000 to \$500,000) (Over \$500,000)</small></p> <p>Schedule: None <input checked="" type="checkbox"/> Other _____</p> <p>Additional LOC _____ Man-Months _____</p> <p>Materials _____</p>			
<p>Originator <u>Stanley A. West</u> (Signed) <u>Stanley A. West</u> 4/11/96 <small>Signature Date</small></p> <p>Office <u>SMO</u> Office Manager (Signed) <u>R. E. Clinard</u> 4/11/96 <small>Signature Date</small></p>			
<p>Disposition Approved <input checked="" type="checkbox"/> Approved w/Comment <input type="checkbox"/> Deferred <input type="checkbox"/> Disapproved <input type="checkbox"/></p> <p>Comments:</p> <p style="text-align: right;">CCB Chairperson (Signed) <u>R. E. Clinard</u> 4/12/96 <small>Signature Date</small></p>			

